

EVENT CANCELLED

NEW YORK METRO
SECTION



AACC New York Metro Section will host AACC President Dr. Carmen Wiley on March 19th



Carmen L. Wiley, PhD, DABCC
2019-2020 President of AACC
Chief Medical Officer, Veravas

“Immunoassay interferences and their impact on patient care”

Designated for 1.0 ACCENT® credit

Description:

Immunoassays are the workhorses of clinical laboratories. Using antibodies for diagnostic measurements provides high specificity and sensitivity. Despite all the successful uses of immunoassays, there are still problems interferences. In this talk, I review how the common immunoassay formats work. I cover the double antibody sandwich assays, competitive inhibition assays, and delayed capture assays. I then review how the different types of interference mechanisms cause falsely elevated and suppressed results for each assay format (i.e. steric hindrance, bridging, etc.). Finally, I review current strategies to troubleshoot interference.

Learning objectives:

After completing this activity, the learner will be able to:

1. list the common interferences that impact immunoassay results
2. describe how interferences impact patient results
3. create a plan for mitigating these interferences

Date: March 19th, 2020 at 6 pm, *Dinner Served*

Location: 6th floor of 327 East 64th Street, New York, N.Y. 10065
Memorial Sloan Kettering, Laboratory Medicine Building

Fee: Free event. AACC members and non-members. Priority for AACC members if limit is reached.

Please RSVP by e-mail to joe.el-khoury@yale.edu by March 10th (limit: 40 participants)

AACC New York Metro Section Leadership

Joe M. El-Khoury, PhD, *Chair*

James Faix, MD, *Past-Chair*

Zhen Zhao, PhD, *Chair-Elect*

Kazunori Murata, PhD, *Treasurer*

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